

D8125INV Wireless Interface Module

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Invented for life



- ▶ Bosch Security Systems, Inc. control panel compatibility
- ▶ Up to two D8125INV connections for each control panel
- ▶ Up to two Inovonics Receivers for each D8125INV
- ▶ User-friendly menus and backlit display
- ▶ Liquid crystal display (LCD); two lines by 16 characters

The D8125INV Wireless Interface Module is an interface module and keypad that connects an Inovonics Receiver and Inovonics Wireless Transmitters to Bosch Security Systems, Inc. compatible control panels. Use the D8125INV Wireless Interface Module in systems spanning large distances to avoid inconvenient hard-wire installations. Place radio frequency (RF) transmitters anywhere within the maximum range. Move the RF transmitters as needed without costly re-wiring.

System overview

Bosch Security Systems, Inc. control panels connect to hard-wired points and to wireless RF points at the same time. To add RF points, connect an Inovonics Receiver to the D8125INV Wireless Interface Module. Connect the D8125INV Wireless Interface Module to the control panel's Zonex 1 or Zonex 2 terminal and Aux Power.

A compatible control panel supports up to two D8125INV Wireless Interface connections. Connect the first D8125INV Wireless Interface Module to Zonex 1 and the second D8125INV Wireless Interface Module to Zonex 2. Each D8125INV Wireless Interface Module supports up to 117 supervised RF points.

Functions

Internal Keypad

Use the keypad to access the programming and diagnostics functions of the wireless portion of the system. The distinctive keypad design helps you to distinguish the difference between the D8125INV Wireless Interface Module and a system keypad. The keypad is designed with numbers 0 to 9 and ESC, ENT, PREV, NEXT, and DIAG keys.

Programming

Program time intervals for supervising system and individual transmitters. Program transmitter configurations such as normally-open (NO), normally-closed (NC), internal or external contact, and end-of-line (EOL) resistor.

Installation/configuration notes

Compatibility Information

| | |
|----------------------------|---|
| Control Panels | G Series: D9412GV2, D7412GV2, D9412G, D7412G, v6.30 or higher, D7212G v6.41 or higher |
| Inovonics Receivers | EN4201R, EN4202R, EN4216R, ES7280, FA400, FA404R, and FA416R |

| | |
|---------------------|--|
| Key Fobs | FA113 Keychain Remote Control for D9412GV2, D7412GV2, D9412G, and D7412G Control Panels. (FA113 is not supported on the D7212GV2 or D7212G Control Panels). EN1223S, EN1223D, EN1233S, EN1233D, ES1235S, and ES1235D Pendants for D9412GV2, D7412GV2, D9412G, and D7412G Control Panels. |
| Transmitters | All Inovonics 900 MHz Wireless Transmitters, except FA130, FA212, and FA214, when used with compatible Bosch Security Systems, Inc. control panels. |

Programming

Use the 50576C Program Cable with the D8125INV Wireless to program transmitters.

Wiring

Use 1.2 mm (18 AWG) or 0.8 mm (22 AWG) solid wire. Mount the D8125INV Wireless Interface Module within 1.5 m (5 ft) of the control panel.

Receiver and Transmitters

Place the Inovonics receiver up to 305 m (1000 ft) from the D8125INV Wireless Interface Module. For best transmitter reception results, place the Inovonics receiver in a central location among the transmitters. If transmitters are too far away for the receiver to pick up the transmission, install an Inovonics RF Repeater.

Technical specifications**Properties**

| | |
|-------------|---|
| Dimensions: | 10 cm x 16.6 cm x 3 cm (4 in. x 6.5 in. x 1 in.) |
| Weight: | 243 g (8.6 oz) |

Environmental Considerations

| | |
|--------------------------|--------------------------------|
| Relative Humidity: | Up to 93%, non-condensing |
| Temperature (Operating): | 0°C to +65°C (+32°F to +149°F) |

Power Requirements

| | |
|----------------------|---|
| Current Draw: | 30 mA typical, 45 mA maximum plus 40 mA for each FA400 Remote Receiver |
| Voltage (Operating): | 10.2 VDC to 14 VDC supplied by the control panel auxiliary power or an external auxiliary power supply. |
| Current: | 40 mA maximum |

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the names only in an editorial fashion and to the benefit of the trademark owner with no intention of infringing the trademark.

Inovonics is a trademark of Inovonics Wireless.

Ordering information**D8125INV Wireless Interface Module**

Provides LCD and internal keypad.

Order number **D8125INV**

Accessories**D8103 Enclosure**

Grey steel enclosure measuring 41 cm x 41 cm x 9 cm (16 in. x 16 in. x 3.5 in.).

Order number **D8103**

D8108A Attack Resistant Enclosure

Grey steel enclosure measuring 41 cm x 41 cm x 9 cm (16 in. x 16 in. x 3.5 in.). UL Listed. Includes lock and key set. Requires the D2402 Mounting Plate.

Order number **D8108A**

D8109 Fire Enclosure

Red steel enclosure measuring 40.6 cm x 40.6 cm x 8.9 cm (16 in. x 16 in. x 3.5 in.). UL Listed. Includes a lock and key set.

Order number **D8109**

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